

Appl. No. 10/760,343
Amendment dated: March 8, 2005
Reply to OA of: December 8, 2004

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1(previously presented). A shell for bicycle saddle comprising:
a body, made of at least one layer of plastic composite materials, having at least one opening corresponding to a sitting area of the bicycle saddle; and
a shock-absorbing member, made of non plastic composite materials having a hardness lower than that of said body, filling up said at least one opening.

2(original). The shell for bicycle saddle as claimed in claim 1, wherein said body is made of at least one layer of fiber-reinforced plastic prepreg.

3(previously presented). The shell for bicycle saddle as claimed in claim 2, wherein a matrix of said fiber-reinforced plastic prepreg is a thermosetting resin.

4(original). The shell for bicycle saddle as claimed in claim 1, wherein said shock-absorbing member is made of a thermoplastic material.

5(previously presented). The shell for bicycle saddle as claimed in claim 4, wherein said shock-absorbing member is made of thermoplastic urethane.

Claim 6(canceled).

7(original). The shell for bicycle saddle as claimed in claim 1, wherein said shock-absorbing member includes an upper layer of thermoplastic urethane, a bottom layer of thermoplastic urethane, and an intermediate layer of fabric sheet sandwiched in between said upper layer and said bottom layer.

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8(original). The shell for bicycle saddle as claimed in claim 2, wherein said fiber-reinforced plastic prepreg of said body is a carbon fiber-reinforced plastic prepreg.

9(currently amended): The shell for bicycle saddle as claimed ~~in claim 6~~ in claim 15, wherein said fabric sheet is a carbon-fiber fabric sheet.

10(original). The shell for bicycle saddle as claimed in claim 3, wherein said thermosetting resin is epoxy resin.

11(original). The shell for bicycle saddle as claimed in claim 4, wherein said shock-absorbing member is a thermoplastic film adhered to a top surface of said body.

12(previously presented). A shell for bicycle saddle having a narrow front end and a wide rear end extended from said narrow front end, wherein the shell comprises a body made of at least one layer of plastic composite materials to form the contour of the shell, said body having at least one opening corresponding to a sitting area of the bicycle saddle, and a shock-absorbing member made of non plastic composite material having a hardness lower than that of said body and disposed on a top surface of said body, said shock-absorbing member having at least one retainer filling up said at least one opening of said body.

13(original). The shell for bicycle saddle as claimed in claim 12, wherein said body is made of at least one layer of carbon fiber-reinforced epoxy resin prepreg.

14(original). The shell for bicycle saddle as claimed in claim 13, wherein said shock-absorbing member is made of a thermoplastic urethane film adhered to a top surface of said body.

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15(new). A shell for bicycle saddle comprising:

a body, made of at least one layer of plastic composite material (PCM), having at least one opening corresponding to the sitting area of the bicycle saddle; and

a shock absorbing member, made of non plastic composite materials having a hardness lower than that of said body, filling up said at least one opening, and wherein said shock-absorbing member is made of at least one resin-free fabric sheet.